

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013640.D
 Acq On : 08 May 2023 11:08
 Operator : KP/MD
 Sample : VY0508SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBL01

Quant Time: May 08 14:43:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

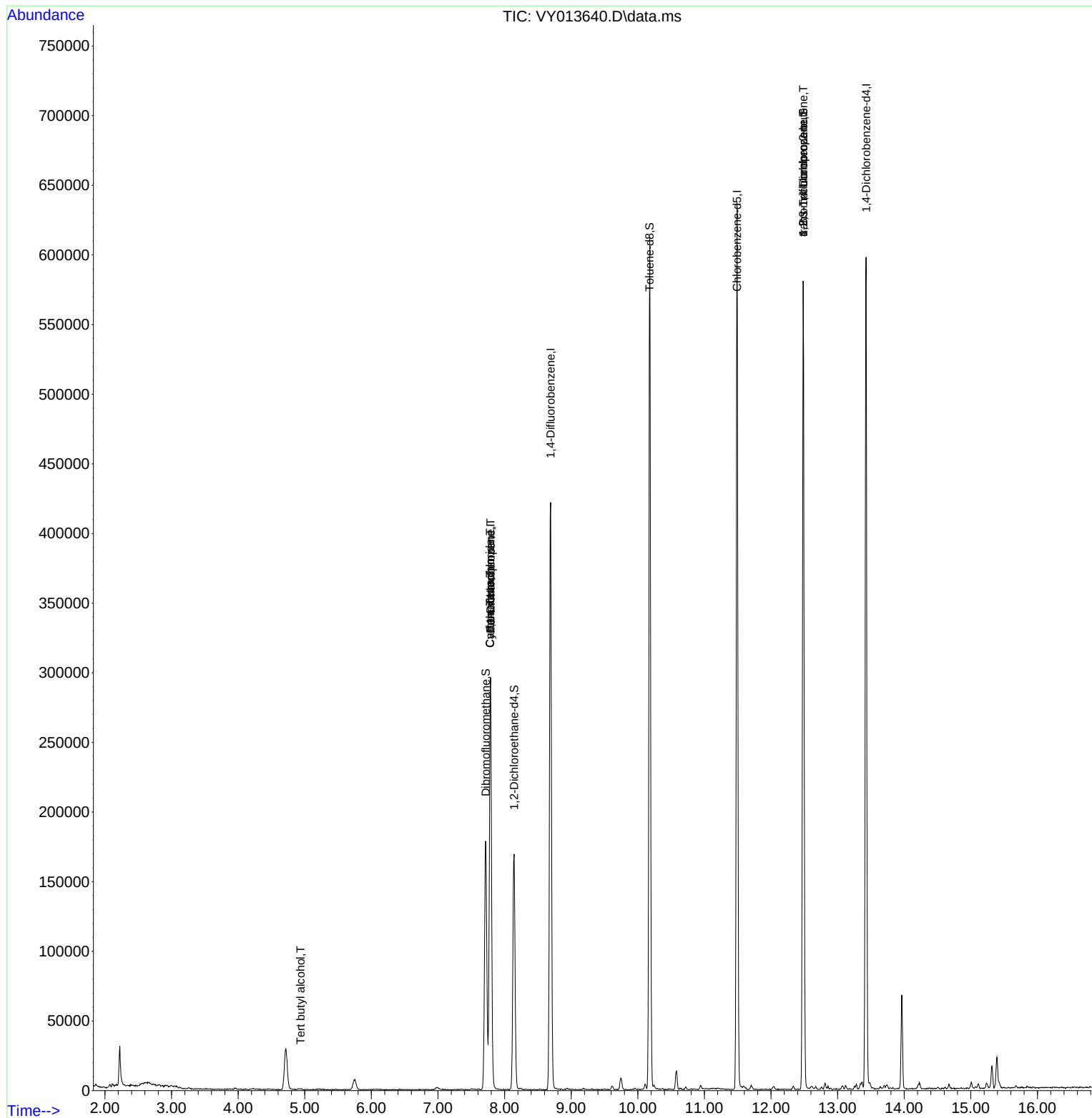
Internal Standards						
1) Pentafluorobenzene	7.789	168	232594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	359323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	141839	55.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.260%
35) Dibromofluoromethane	7.716	113	123366	54.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.179	98	392767	48.854	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.483	95	136700	50.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.880%
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	322	1.768	ug/l #	89
13) Acrolein	3.741	56	74	Below Cal	#	4
20) Methylene Chloride	4.716	84	21253	Below Cal	#	86
31) Cyclohexane	7.783	56	5274	1.155	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	17391	4.637	ug/l #	50
38) Carbon Tetrachloride	7.783	117	22386	5.694	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	74099	34.612	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74099	70.801	ug/l #	13

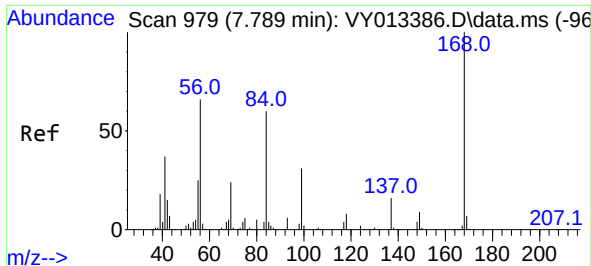
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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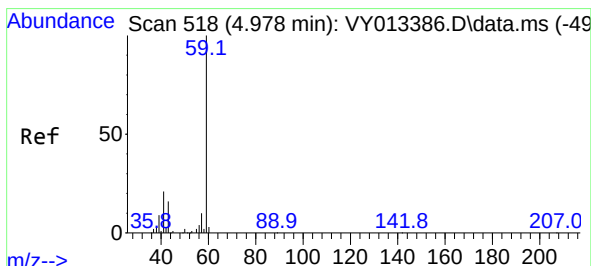
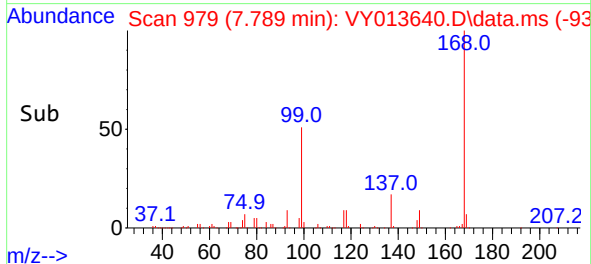
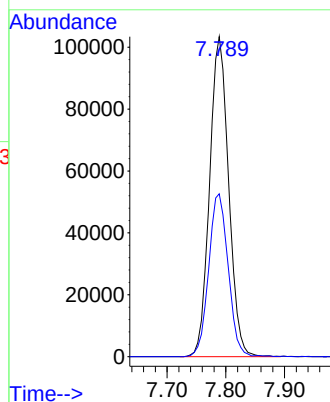
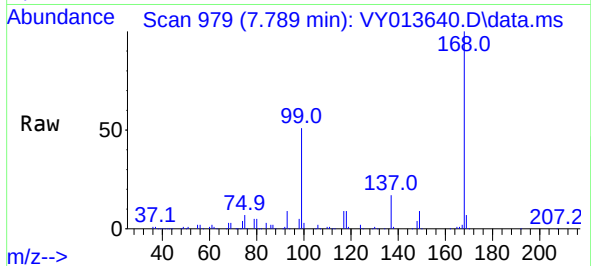




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

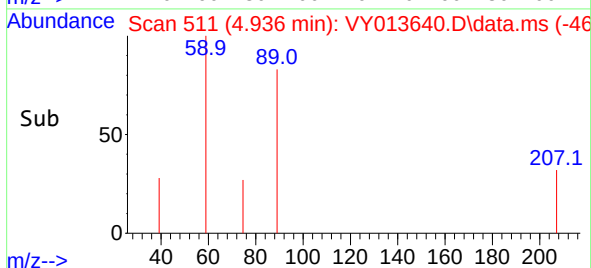
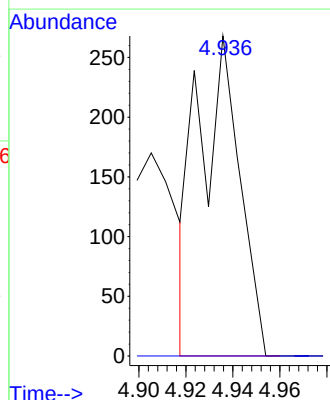
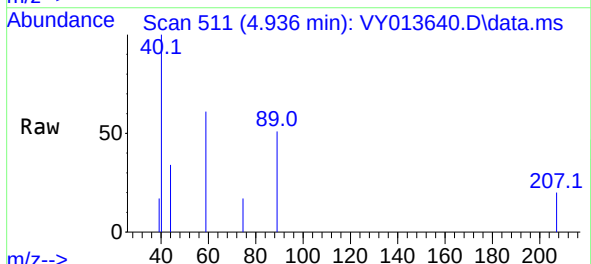
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

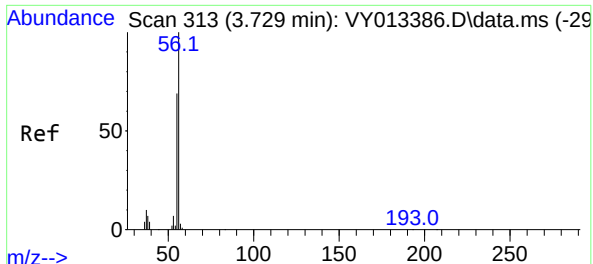
Tgt Ion:168 Resp: 232594
Ion Ratio Lower Upper
168 100
99 50.9 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.768 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.042 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

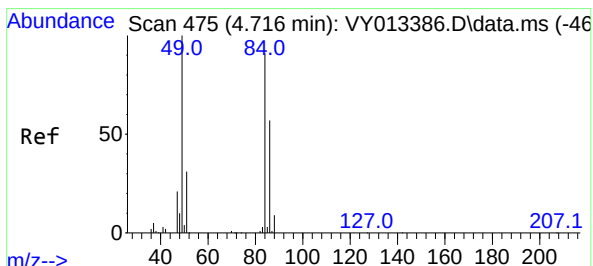
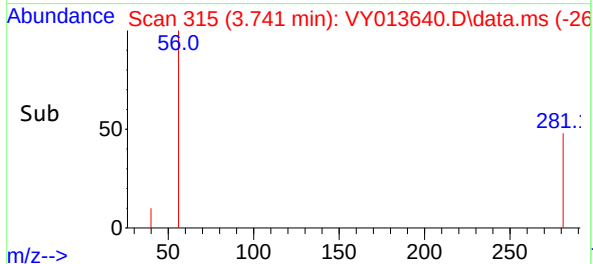
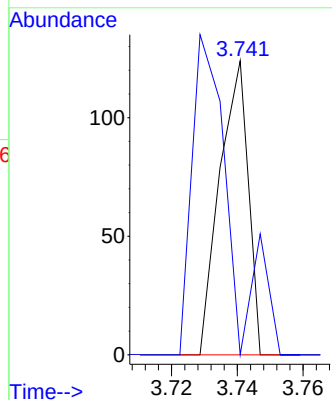
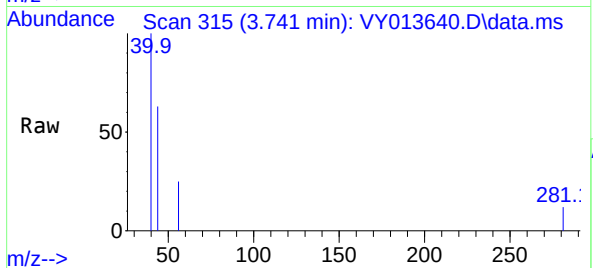




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

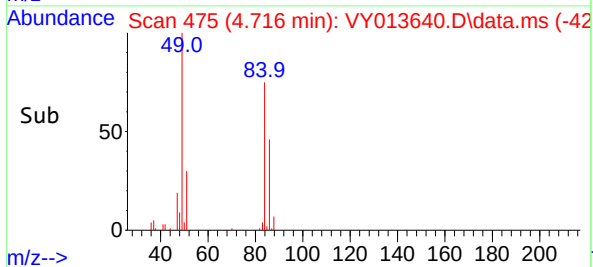
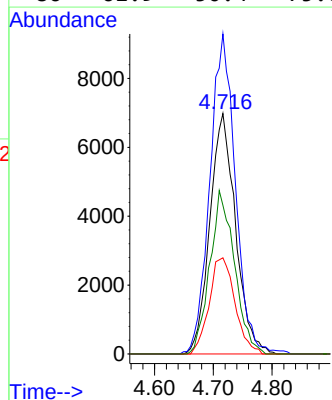
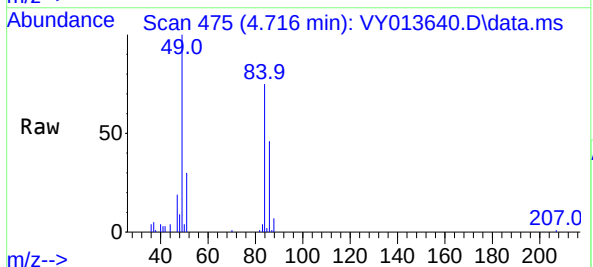
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

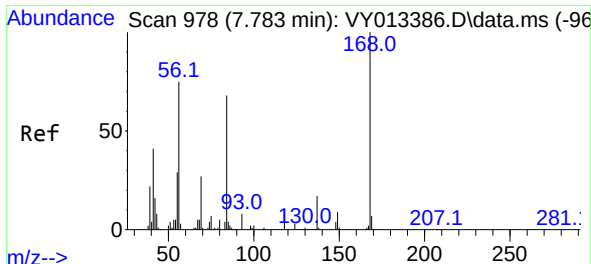
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 144.6 54.1 81.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

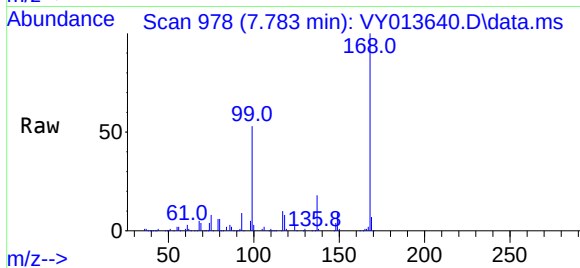
Tgt Ion: 84 Resp: 21253
Ion Ratio Lower Upper
84 100
49 133.1 88.0 132.0#
51 40.0 27.4 41.0
86 61.9 50.4 75.6



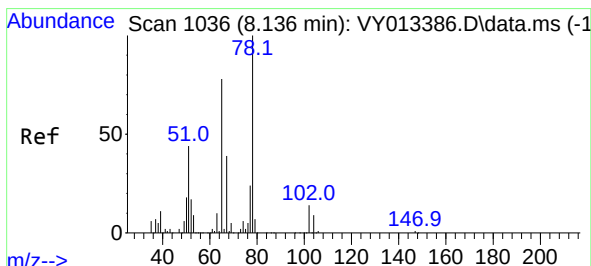
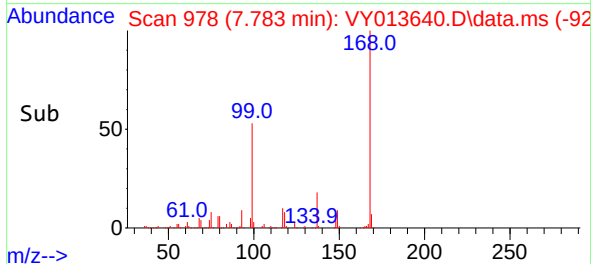
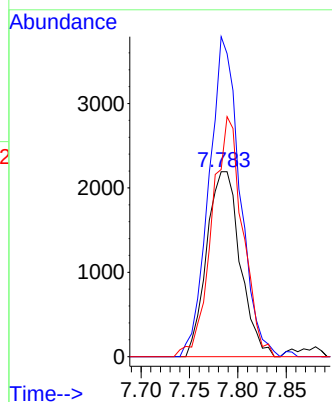


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

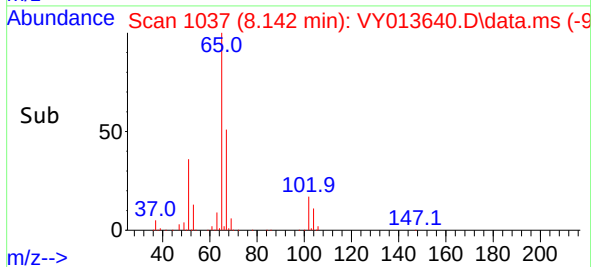
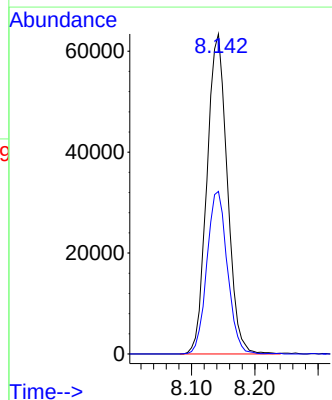
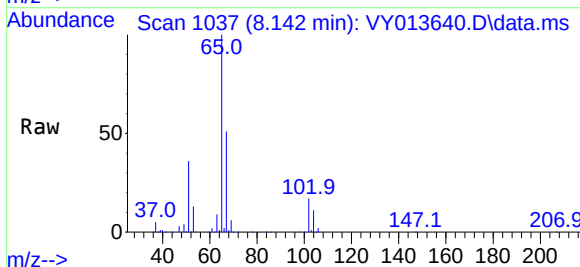


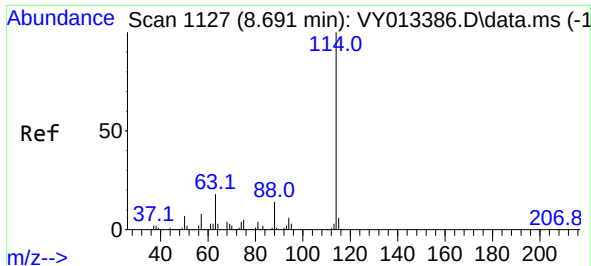
Tgt Ion: 56 Resp: 5274
Ion Ratio Lower Upper
56 100
69 173.0 29.2 43.8#
84 101.2 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 55.629 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion: 65 Resp: 141839
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013640.D

Acq: 08 May 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBL01

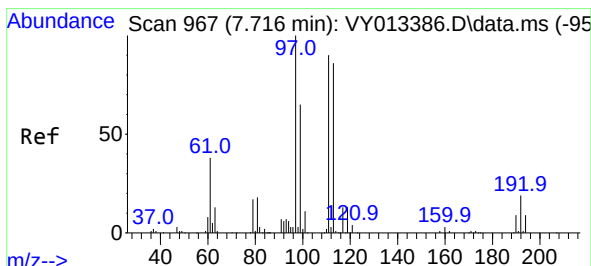
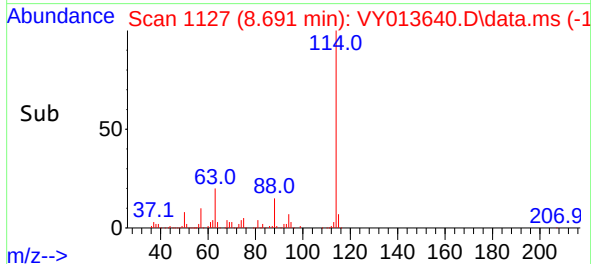
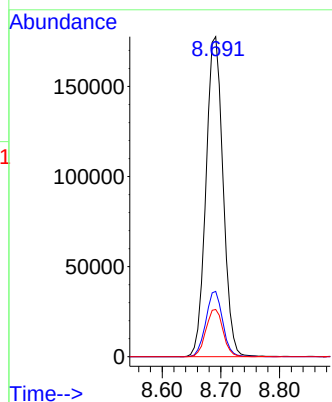
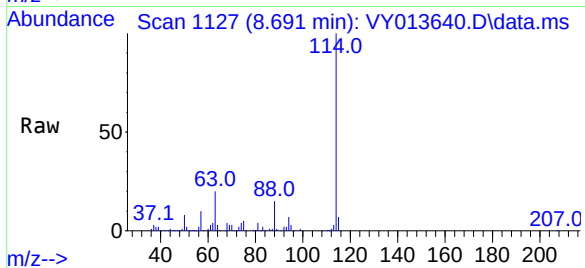
Tgt Ion:114 Resp: 359323

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.587 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013640.D

Acq: 08 May 2023 11:08

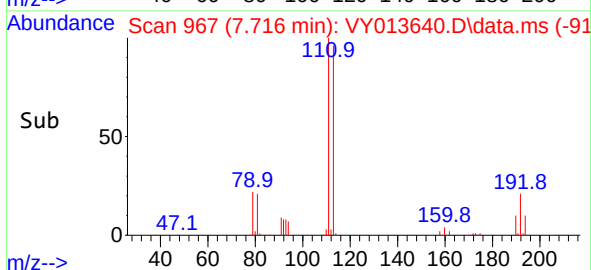
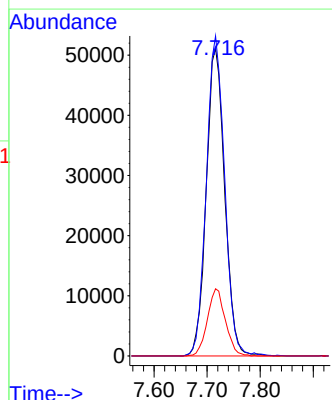
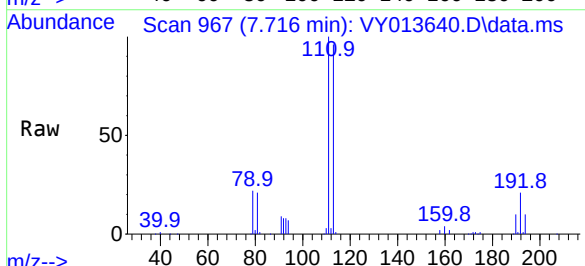
Tgt Ion:113 Resp: 123366

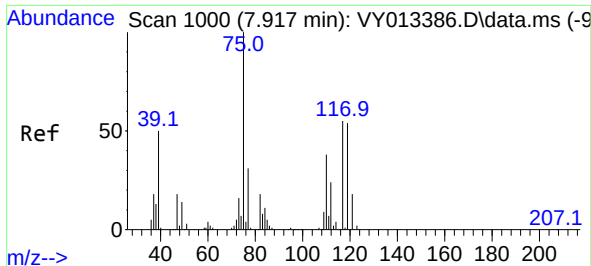
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 21.3 16.7 25.1

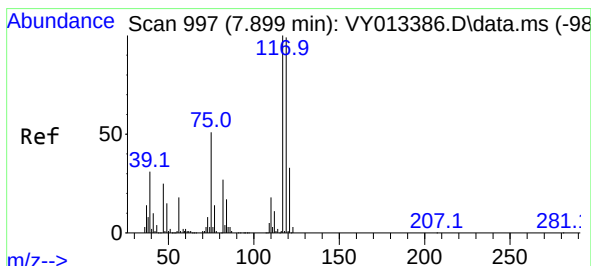
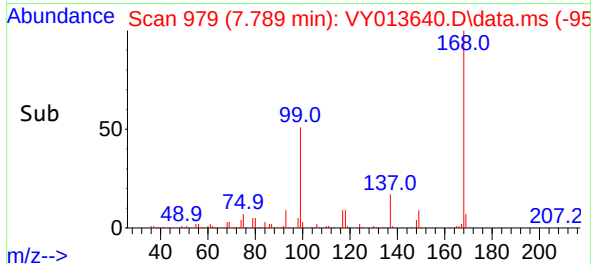
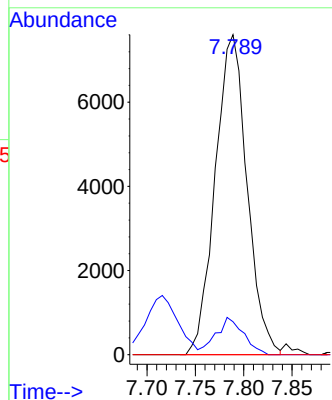
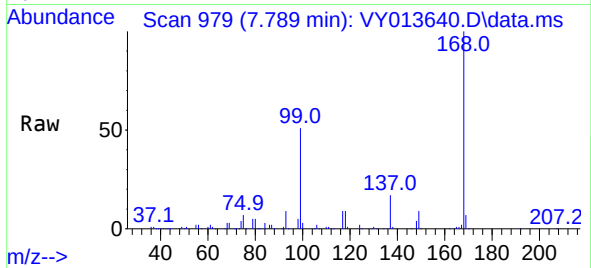




#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

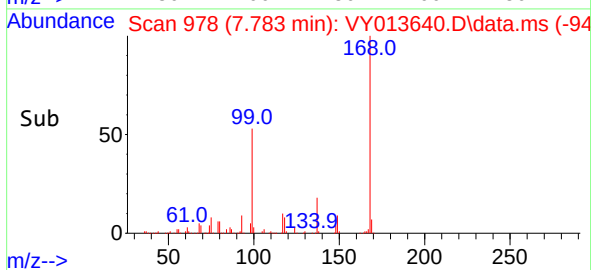
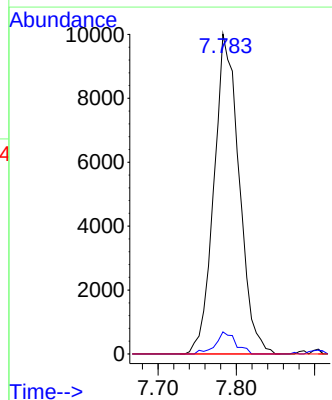
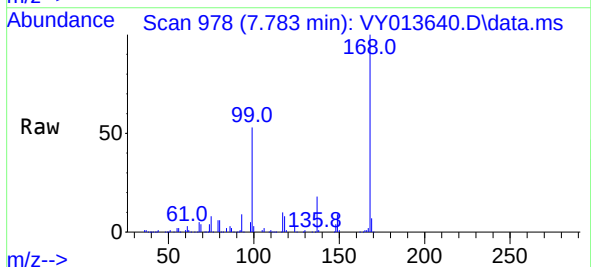
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

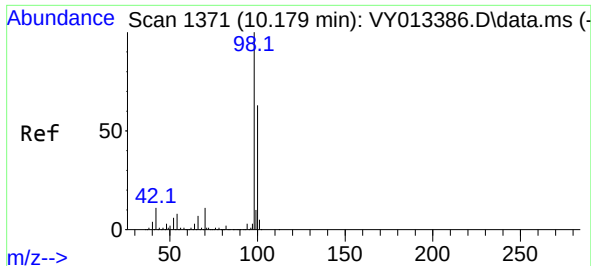
Tgt Ion: 75 Resp: 17391
Ion Ratio Lower Upper
75 100
110 10.1 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.694 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion: 117 Resp: 22386
Ion Ratio Lower Upper
117 100
119 6.9 79.0 118.6#
121 0.0 26.6 40.0#

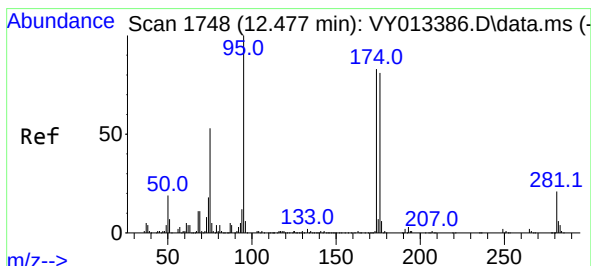
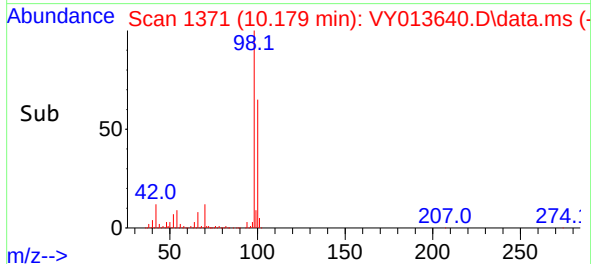
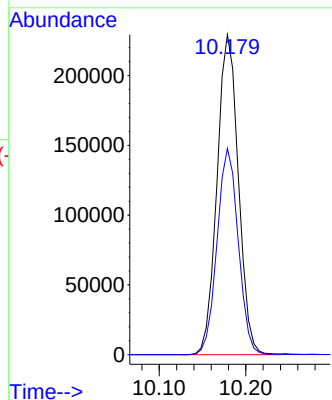
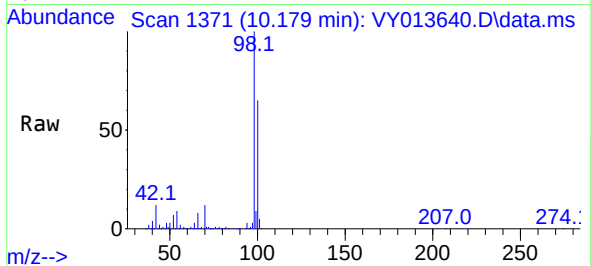




#50
Toluene-d8
Concen: 48.854 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

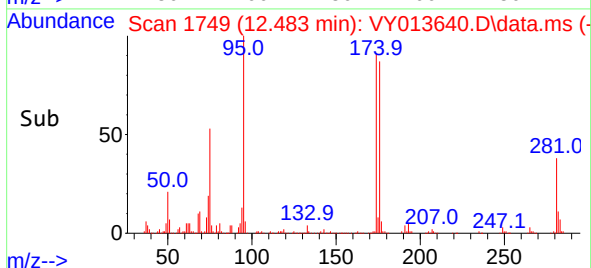
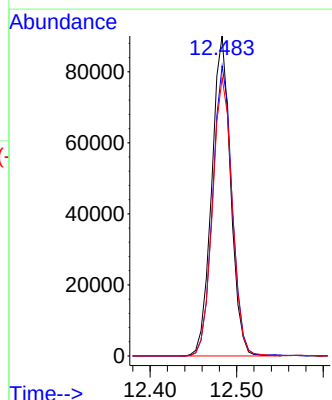
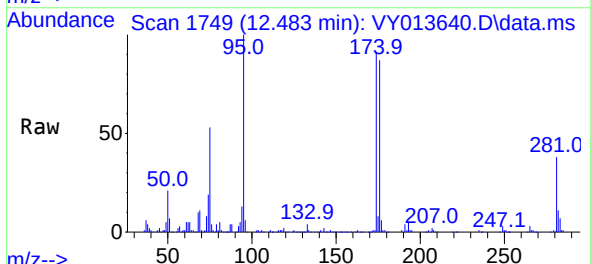
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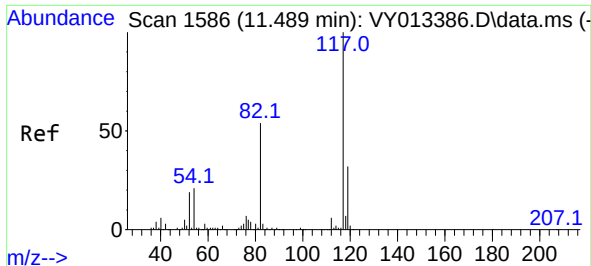
Tgt Ion: 98 Resp: 392767
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion: 95 Resp: 136700
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.0
176 90.3 0.0 175.4

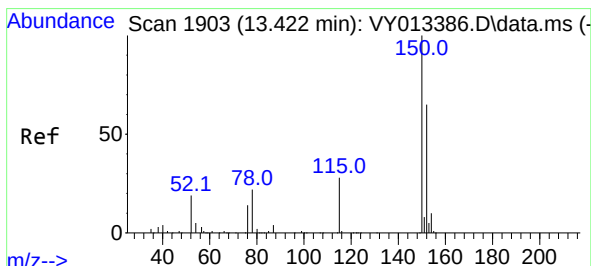
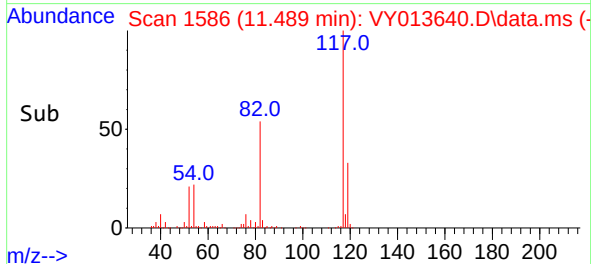
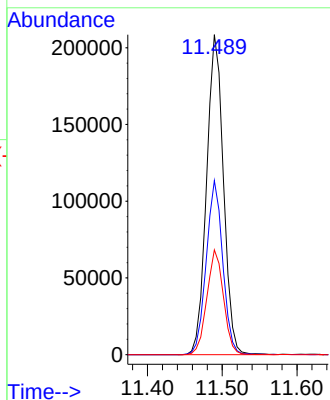
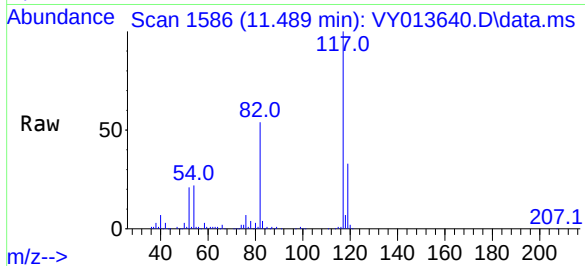




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

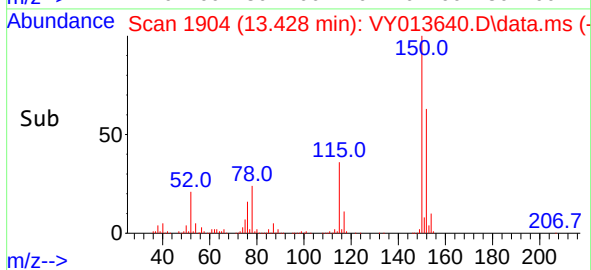
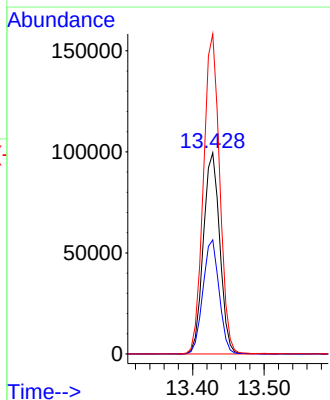
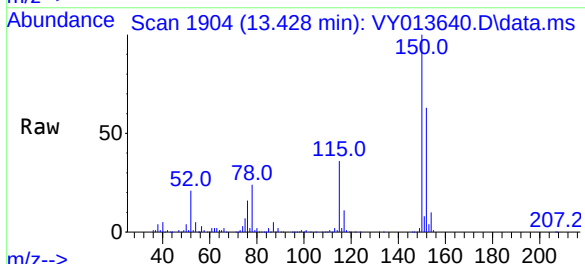
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

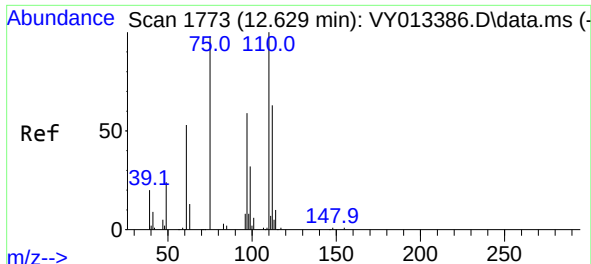
Tgt Ion:117 Resp: 327269
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.6
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion:152 Resp: 158743
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.2
150 157.4 0.0 352.0

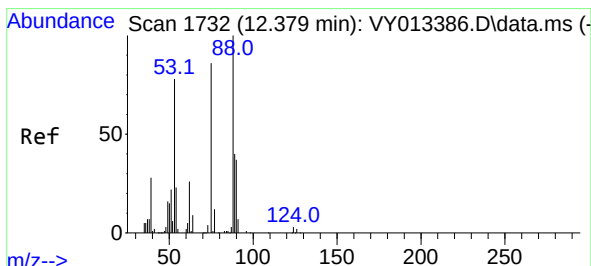
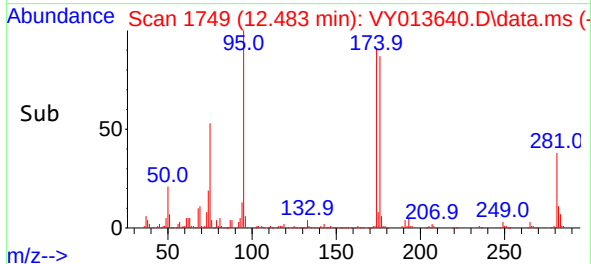
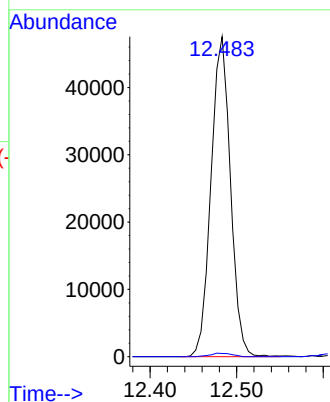
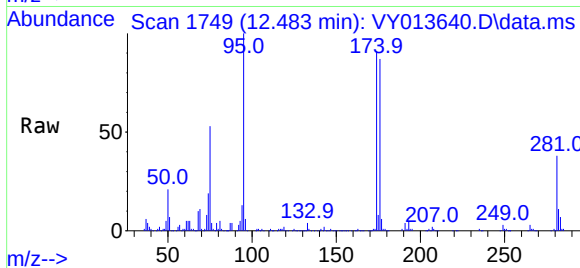




#76
1,2,3-Trichloropropane
Concen: 34.612 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

Tgt Ion: 75 Resp: 74099
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013640.D
Acq: 08 May 2023 11:08

Tgt Ion: 75 Resp: 74099
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.4 38.0 57.0#

